

183B
OCT 22 1991

Siew P. Kour
Environmental Engineer
Kansas Department of Health and Environment
Building 740, Forbes Field
Topeka, Kansas 66620-0002

Dear Ms. Kour:

RE: EPA's Review of the USPCI Part A Application

We have reviewed the above referenced facility's Part A application and have noted the following inconsistencies or errors:

Line 1 of section XII - There are 21 container storage areas identified here. Addendum C identifies seven existing and one proposed storage area. The facility diagram shows the location of eight existing storage areas and one proposed area.

Facility personnel have indicated that the proposed storage area shown on the diagram represents the proposed gondola storage area, and that the location of the proposed area is incorrect. The proposed gondola storage area should be shown in the far west end of building C. The area proposed for gondola storage is currently being used as a drum storage area and has been counted as one of the 21 areas identified in line 1.

In the 21 units of line 1, the facility has identified each individually diked or otherwise separated area as a separate storage area. So, although building C is entirely used for container storage, it has been divided by dikes into a number of container storage areas. A different approach to designating the storage areas was discussed with, and received favorably by, the facility personnel. The approach is as follows: A building which contains more than one segregated container storage area would be considered one container storage unit. If any area of that building were not suitable for the storage of hazardous waste and consequently not permitted for the storage of hazardous waste, then that area would be specifically and clearly identified in the Part A and perhaps the permit.

In any case, line 1, Addendum C, and the facility diagram should all be consistent, and the Part A should clearly identify and locate on a diagram those areas where hazardous waste may be stored.

WSTM:RCRA:PRMT:MATTHEWS:7635:10-21-91 G:HRI

PRMT

PRMT

PRMT

MATTHEWS

BARTLEY

HARRINGTON

MZM

EJB

LAH
10/21/91

10-21-91

21 OCT 91



R00001675
RCRA Records Center

Section XII, Line 2 - There are 29 storage tanks identified here. Addendum C only identifies 27 tanks. Line 2 and Addendum C should be consistent with each other and should be accurate.

Facility personnel have indicated that tank V-26 of Addendum C is the "dispersing tank." We believe the dispersing tank should be listed separately with a T04 process code for the following reasons: the dispersing unit is specifically designed to homogenize the waste it receives and to emulsify the solids in the waste; also, extra material is added to the waste in the dispersing unit to make the waste less viscous. Thus the dispersing unit is changing the chemical and physical characteristics of the waste to make the waste amenable for recovery.

Section XII, Line 3 - This line should be deleted entirely as the facility has no plans at this time to operate such a unit.

Section XII, Line 5 - Facility personnel have stated that there are currently four filter units at the facility. The facility plans to keep only three of the four filters. The filters are portable devices that meet the definition of container found in 40 CFR 260.10; consequently, the function they perform would be considered treatment in containers. The facility also uses at least one magnetic filter (this process would seem to be the T58 listed in 40 CFR 264 Appendix I).

Section XIII, Line 8 - We are not comfortable with allowing the use of the phrase "but not limited to" as it is used here. All activities which fall under the description of line 8 should be clearly delineated in the Part A.

The USPCI letter of September 25, 1991, to KDHE is intended to describe all of the activities which are associated with line 8. In our view only the activities described in the first bullet and those described in the next to the last paragraph would qualify as treatment in containers. The definition of "treatment" given in 40 CFR 260.10 says that in order for treatment to occur the physical, chemical, or biological character of the waste must be changed. None of the other activities listed in the letter are designed to change the physical, chemical, or biological character of the waste as required by the definition.

Section XII and XIII, Line 10 - Five sparging units have been used at the facility. Currently one is disconnected, and facility personnel have expressed that they intend to keep only two of the sparging units. Although we agree that these units should be listed in the Part A, the units would appear to be exempt from regulation under 40 CFR 261.6(c). Facility personnel have stated that the units are only used

in conjunction with the recovery of Perc from dry cleaning filters.

Page 14 - The first and fourth bullet of this page should be deleted. Facility personnel have explained that the activities described in the fifth bullet are included in the description of line 8, section XIII. However, this activity is not clearly discussed in the September 25, 1991 letter.

Addendum B - All references to "VII" should be changed to "XII."

Facility Diagram - There are a number of errors on the facility diagram showing the location of all the processes. The revised diagram should be based on a consistent and accurate Part A application. The diagram should clearly show the location of all activities included in the Part A application.

Referring to your letter of October 1, 1991, to Mark Matthews asking for our views on the Part A application, we have the following comments:

We do not understand why the number of filter units has been decreased from three to one. As mentioned above, there are currently four filter units at the facility. The facility plans to keep three. Facility personnel have said that there may be instances when all the filters are in use at the same time. For the reasons stated above we believe the filter units should have a process code of T04.

The processing of wastes through the shredder and/or granulator appears to meet the definition of physical treatment. The units not only process/treat wastes which will be further processed/treated, but they provide the only form of treatment that some wastes will receive. They are also used solely for volume reduction purposes which is specifically mentioned as one form of treatment in the definition of treatment. These units would therefore have a process code of T04.

We do not understand why the qualifier "one" is put on treatment in containers. Based on discussions with facility personnel this type of treatment may take place simultaneously in many different areas and in many different containers.

Drum washing units can be, and historically have been, considered hazardous waste treatment units for the following reasons: Facility personnel have stated that the drums fed into the drum washer are not necessarily "RCRA empty;" therefore the waste received by the drum washer (both the drum and its contents) is a hazardous waste. The drum washer separates the hazardous waste contents of the drum from the drum itself. The washing unit treats waste in that it performs physical separation on the waste it receives. The associated process code is T04.

The drum scraping unit at the facility would also be considered a treatment unit by the same argument put forth above for the drum washer.

In our view the following units should be identified in the Part A:

<u>Description of Process</u>	<u>Code</u>	<u>Permit Authority</u>
Aboveground Tank Storage	S02	State
Container Storage	S01	State
One Dryer Unit	T04	EPA (subpart X unit)
One Shredder Unit	T04	EPA (subpart X unit)
One Granulator Unit	T04	EPA (subpart X unit)
One Drum Washing Unit	T04	EPA (subpart X unit)
Two Sparging Units	T04	exempt from regulation
One Drum Scraper	T04	EPA (subpart X unit)
One Dispersing Unit	T04	EPA (subpart X unit)

If you have any questions or wish to discuss this letter please contact Mark Matthews of my staff at (913) 551-7635.

Sincerely yours,

Lyndell Harrington
Chief, Permits Section
Waste Management Division



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

OCT 22 1991

Siew P. Kour
Environmental Engineer
Kansas Department of Health and Environment
Building 740, Forbes Field
Topeka, Kansas 66620-0002

Dear Ms. Kour:

RE: EPA's Review of the USPCI Part A Application

We have reviewed the above referenced facility's Part A application and have noted the following inconsistencies or errors:

Line 1 of section XII - There are 21 container storage areas identified here. Addendum C identifies seven existing and one proposed storage area. The facility diagram shows the location of eight existing storage areas and one proposed area.

Facility personnel have indicated that the proposed storage area shown on the diagram represents the proposed gondola storage area, and that the location of the proposed area is incorrect. The proposed gondola storage area should be shown in the far west end of building C. The area proposed for gondola storage is currently being used as a drum storage area and has been counted as one of the 21 areas identified in line 1.

In the 21 units of line 1, the facility has identified each individually diked or otherwise separated area as a separate storage area. So, although building C is entirely used for container storage, it has been divided by dikes into a number of container storage areas. A different approach to designating the storage areas was discussed with, and received favorably by, the facility personnel. The approach is as follows: A building which contains more than one segregated container storage area would be considered one container storage unit. If any area of that building were not suitable for the storage of hazardous waste and consequently not permitted for the storage of hazardous waste, then that area would be specifically and clearly identified in the Part A and perhaps the permit.

In any case, line 1, Addendum C, and the facility diagram should all be consistent, and the Part A should clearly identify and locate on a diagram those areas where hazardous waste may be stored.

Section XII, Line 2 - There are 29 storage tanks identified here. Addendum C only identifies 27 tanks. Line 2 and Addendum C should be consistent with each other and should be accurate.

Facility personnel have indicated that tank V-26 of Addendum C is the "dispersing tank." We believe the dispersing tank should be listed separately with a T04 process code for the following reasons: the dispersing unit is specifically designed to homogenize the waste it receives and to emulsify the solids in the waste; also, extra material is added to the waste in the dispersing unit to make the waste less viscous. Thus the dispersing unit is changing the chemical and physical characteristics of the waste to make the waste amenable for recovery.

Section XII, Line 3 - This line should be deleted entirely as the facility has no plans at this time to operate such a unit.

Section XII, Line 5 - Facility personnel have stated that there are currently four filter units at the facility. The facility plans to keep only three of the four filters. The filters are portable devices that meet the definition of container found in 40 CFR 260.10; consequently, the function they perform would be considered treatment in containers. The facility also uses at least one magnetic filter (this process would seem to be the T58 listed in 40 CFR 264 Appendix I).

Section XIII, Line 8 - We are not comfortable with allowing the use of the phrase "but not limited to" as it is used here. All activities which fall under the description of line 8 should be clearly delineated in the Part A.

The USPCI letter of September 25, 1991, to KDHE is intended to describe all of the activities which are associated with line 8. In our view only the activities described in the first bullet and those described in the next to the last paragraph would qualify as treatment in containers. The definition of "treatment" given in 40 CFR 260.10 says that in order for treatment to occur the physical, chemical, or biological character of the waste must be changed. None of the other activities listed in the letter are designed to change the physical, chemical, or biological character of the waste as required by the definition.

Section XII and XIII, Line 10 - Five sparging units have been used at the facility. Currently one is disconnected, and facility personnel have expressed that they intend to keep only two of the sparging units. Although we agree that these units should be listed in the Part A, the units would appear to be exempt from regulation under 40 CFR 261.6(c). Facility personnel have stated that the units are only used

in conjunction with the recovery of Perc from dry cleaning filters.

Page 14 - The first and fourth bullet of this page should be deleted. Facility personnel have explained that the activities described in the fifth bullet are included in the description of line 8, section XIII. However, this activity is not clearly discussed in the September 25, 1991 letter.

Addendum B - All references to "VII" should be changed to "XII."

Facility Diagram - There are a number of errors on the facility diagram showing the location of all the processes. The revised diagram should be based on a consistent and accurate Part A application. The diagram should clearly show the location of all activities included in the Part A application.

Referring to your letter of October 1, 1991, to Mark Matthews asking for our views on the Part A application, we have the following comments:

We do not understand why the number of filter units has been decreased from three to one. As mentioned above, there are currently four filter units at the facility. The facility plans to keep three. Facility personnel have said that there may be instances when all the filters are in use at the same time. For the reasons stated above we believe the filter units should have a process code of T04.

The processing of wastes through the shredder and/or granulator appears to meet the definition of physical treatment. The units not only process/treat wastes which will be further processed/treated, but they provide the only form of treatment that some wastes will receive. They are also used solely for volume reduction purposes which is specifically mentioned as one form of treatment in the definition of treatment. These units would therefore have a process code of T04.

We do not understand why the qualifier "one" is put on treatment in containers. Based on discussions with facility personnel this type of treatment may take place simultaneously in many different areas and in many different containers.

Drum washing units can be, and historically have been, considered hazardous waste treatment units for the following reasons: Facility personnel have stated that the drums fed into the drum washer are not necessarily "RCRA empty;" therefore the waste received by the drum washer (both the drum and its contents) is a hazardous waste. The drum washer separates the hazardous waste contents of the drum from the drum itself. The washing unit treats waste in that it performs physical separation on the waste it receives. The associated process code is T04.

The drum scraping unit at the facility would also be considered a treatment unit by the same argument put forth above for the drum washer.

In our view the following units should be identified in the Part A:

<u>Description of Process</u>	<u>Code</u>	<u>Permit Authority</u>
Aboveground Tank Storage	S02	State
Container Storage	S01	State
One Dryer Unit	T04	EPA (subpart X unit)
One Shredder Unit	T04	EPA (subpart X unit)
One Granulator Unit	T04	EPA (subpart X unit)
One Drum Washing Unit	T04	EPA (subpart X unit)
Two Sparging Units	T04	exempt from regulation
One Drum Scraper	T04	EPA (subpart X unit)
One Dispersing Unit	T04	EPA (subpart X unit)

If you have any questions or wish to discuss this letter please contact Mark Matthews of my staff at (913) 551-7635.

Sincerely yours,

Lyndell Harrington
 Lyndell Harrington
 Chief, Permits Section
 Waste Management Division